

DRAFT

WILD, WILD Aquatic, And Learning Tree Suggested Activities High School (Grades 9 – 12) Social Studies & Science

Key:

- indicates that the concept is a main focus of the activity
- ⊙ indicates that the concept is *part* of the focus of the activity
- indicates that the concept is addressed in the activity

Activities were selected because they address pertinent concepts and issues related to Iowa's Natural Resources and they address national content standards at the stated grade levels. There are many more relevant activities – this is meant to be a starting point for teachers looking to integrate teaching about Iowa's Natural Resources.

Activities are grouped according to subject and the manual within which they are found. PLT activities are listed by number (order they appear in the manual). Project WILD and WILD Aquatic activities are listed alphabetically by section of the manual in which they appear.

Social Studies

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#17 People of the Forest	WILD Unit 1		● ⊙ ○	Ia Ic, Id, Ih, IIIh, VIIla, VIIlb, VIIle, IXd, IXh, Xc Ie, Ig, IIb, IIf, IIIk, Vb, VIIf, VIIh
#40 Then and Now	WILD Unit 1		● ⊙ ○	IIIg, IIIh, IIIi IIb, Vb Ia, Ig, Ih, Id, Ie, IIIj, IVh, Vc, Xc, Xj
#53 On the Move			⊙ ○	IIb, IIf, IIIa, IIIb, IIIc, IIIId, IVh, VIg, VIIa, VIIh, VIIj, VIIlb, IXd, IXh, Xc, Xd, Xe, Xi, Xj Ia, Ih, IIIk, IVb, Vc
#55 Planning the Ideal Community	PLT Unit 4		● ⊙ ○	IIIb, IIIc, IIIg Ia, IVh, VIc, VIIlb, IXh, Xc IIe, IIf, IIIe, IIIh, IIIi, Vg, VIIa, VIIle, Xe
#58 There Ought to Be a Law			● ⊙ ○	VIj, Xc, Xd, Xe, Xi, Xj IVh, VIa VIb, VIc, IXa, Xf, Xg Ia, Ih, IIf, IIIk, Vc, Xb
#71 Watch on Wetlands	PLT Unit 1 WILD Aquatic Units 1, 2	Parts B, C, D	● ⊙ ○	IIf, IIIh, Xc, Xd, Xe, Xf, Xi, Xj Ia, IIe, IIIb, IIIk, IVh, IXd, Xg Ib, Id, IIIa, IIIId, IIIe, IIIf, IIIg, VIIla, VIIlb, VIIle, VIIIf

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#73 Waste Watchers			● ⊙ ○	VIIa, VIIj IIe, II f, VIIIb, VIIIc, VIII f, IXh, Xi, Xj Ia, IIIe, IVh, VIIb, VIIc, Xb, Xc, Xd, Xe
#89 Trees for Many Reasons	PLT Unit 4		● ⊙ ○	VIIa, VIIb, Xj Ia, IVh, VIIc, VIII f IIe, II f, IIIi, IIIk, VIa, VIIa, VIIIb, VIIIc, Xb, Xc, Xe

Project Learning Tree Forest Ecology Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#4 Home Sweet Home			⊙ ○	IXd Xc, Xd, Xi, Xj
#5 Saga of the Gypsy Moth	PLT Unit 1		⊙	Xc, Xd, Xi, Xj
Project Learning Tree Focus on Forests Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#4 Who Owns America's Forests?	PLT Unit 4		○	IIIc, VIIa, VIIc, Xc, Xd
#5 Balancing America's Forests	PLT Unit 4		⊙ ○	Xc, Xd IIe, IIIk, Vc, VIa, VIc, VIIa, Xf
#7 Words to Live By			⊙ ○	Ig, Vb, IXa, Xc Ib, If, IIe, IVb, IVf, Va
#8 Take Action!			● ⊙ ○	Xc, Xd, Xj IIIk, VIII f, Xi II f, VIj, Xe
Project Learning Tree Focus on Risk Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#6 Weighing the Options: A Look at Tradeoffs			⊙ ○	IIh IIe, II f, VIc, Xc

Project Learning Tree Focus on Risk (continued) Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards		Part C	⊙ ○	IIIg IIIc, IIIe, IIIj, IXd, Xc
Special Topics: Electromagnetic Fields			⊙ ○	IXd, Xc, Xd, Xf VIIIb
Special Topics: Chlorine – Looking at Tradeoffs			⊙ ○	IXd, Xc, Xd VIIIb, VIIIId
Project Learning Tree Municipal Solid Waste Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#1 Introduction to Municipal Solid Waste: The Waste Stream			⊙ ○	Ia, IXd, Xc IIe, IIIf, IIIh, IIIk, VIa, VIIa, VIIj, VIIIIf, IXh
#2 Source Reduction			⊙ ○	Xc VIa, VIIa, VIIh, VIIj, VIIIId, VIIIIf, IXh, Xd, Xi, Xj
#3 Recycling and Economics			● ⊙ ○	VIIa VIIb, Xc, Xd IIIc, IIIk, VIa, VIIh, VIIj, VIIIIf, IXh, Xe
#8 Take Action: Success Stories and Personal Choices			● ⊙ ○	Xc, Xd, Xe, Xi, Xj VIIj IIe, IIIf, IIIk
Project Learning Tree Places We Live Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#3 Mapping Your Community Through Time	PLT Unit 1 WILD Unit 3	1, 2	● ⊙ ○	IIb, IIe, IIIf, IIIa, IIIb, IIIc, IIId IIc, IId, IIIg, IIIh, IIIi, VIIa IVb, IVc, VIb, VIIIb
#6 A Vision for the Future	PLT Unit 1, 4	3	● ⊙ ○	IIIf, IIIk, IVa, Xi, Xj IIIe, IIIh, VIIa, VIIIId IIIb, IIIc, IIId, VIIb

Project Learning Tree Places We Live (continued) Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#7 Far-Reaching Decisions	PLT Unit 1 WILD Aquatic Unit 4 WILD Unit 1, 4	1, 2	● ⊙ ○	IVa, VIa, VIIa, VIIf, VIIIf, IXd, IXh IIIf, IIIb, Xe Ih, IIIc, IIId
#8 Regional Community Issues: The Ogallala Aquifer	PLT Units 3, 4 WILD Aquatic Units 1, 4	1, 2, 3	● ⊙ ○	IIf, IIIf, IIIe, IIIf, IIIg, IIIj, VIc, VIIj, Xc, Xd, Xf IVb, VIIb, VIId IIIb, IIIc, VIIc

Project WILD Section – Activity	Supplement	Extensions	Correlation	Social Studies Standards
I Fire Ecologies	Yes WILD Units 2, 3	1, 2, 3	○	IIb (ext. 3), IIf (ext. 3) , IIIf (ext. 3), IIIe, IIIh (ext. 1), IIIj, IIIk, IXd (ext. 1), Xc (ext. 1, 2, 3), Xd (ext. 1), Xj
II Know Your Legislation: What’s in it for Wildlife	WILD Unit 4	1, 2	● ⊙ ○	Xc, Xd, Xj VIc, Xi VIj, Xe
II Wild Bill’s Fate	WILD Unit 4		● ⊙ ○	VIa, VIc, Xc Vf, IXd, Xd, Xf Vb, Xe
III Back from the Brink	Yes WILD Units 3, 4	1, 3	⊙ ○	VIc, IXd, Xc IIb, IIIh, IIIk, VIa, VIIi, IXb, Xd
III Cabin Conflict			● ⊙ ○	VIa, Xc IIIg, IIIk, VIc, Xd Ib, VIIf
III Can Do!	Yes WILD Units 3, 4		● ⊙ ○	IIIk, Xi, Xj Xc, Xd, IIIh, IVa, VIj, Xe
III Deer Crossing	WILD Unit 3		⊙ ○	IIIk, VIc, VIg Ia, IIIg, VIIh, IXd, Xc, Xd, Xf
III Deer Dilemma	WILD Unit 3	1, 2	● ⊙ ○	IIIk, Xc, Xd VIc, Xe Ia, IIIb, VIa, VIIh

Project WILD Section – Activity	Supplement	Extensions	Correlation	Social Studies Standards
III From Bison to Bread: The American Prairie	Yes WILD Units 1, 2, 3, 4		● ◎ ○	IIIk IIb, IIIh, Xc, Xd Ia, Ib, Id, VIc, VIIa, VIIb, VIIj, IXd, Xh
III Philosophical Differences		1, 2, 3, 4	● ◎ ○	Xc Ile Ia, Ig, IVa, Vb, Ve, Vf, VIc, IXa, IXb, Xg
III Sustainability: Then, Now, Later		1, 2, 3, 6, 7	● ◎ ○	VIIIb Ia, IIb, Ile, IIc, IIIi, IXc IIIg, IIIh, Vg, VIc, VIIa, VIIj, Xc
III Wildlife Issues: Community Attitude Survey	Yes WILD Units 1, 3		◎ ○	Ib, Id, IVa, Va, IXb, Xb, Xg

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Social Studies Standards
II Watered Down History			◎ ○	IId, IIIc, VIa Vg, IXd, Xc, Xf
III Dragonfly Pond	Yes WILD Aquatic Units 1, 3, 4		● ◎ ○	Ia, IIIg, IIIk, IXd, Xc, Xd IIIh, IXb, Xe, Xf, Xg Ig, Ib, IIIa
III Living Research: Aquatic Heroes and Heroines			◎	IIIi
III To Dam or Not to Dam	Yes WILD Aquatic Units 3, 4		● ◎ ○	Ia, Ib, IIIk, Xc, Xd, Xe, Xf IIIg, IIIh IIIc, IIIj, Vg, VIa, VIc, Xg
III What's in the Air	Yes WILD Aquatic Units 3, 4		○	IIIa, IIIf, VIIj, IXb

Science

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#47 Are Vacant Lots Vacant?	PLT Unit 3		<ul style="list-style-type: none"> ● ● ⊙ ○ ○ ⊙ ⊙ ● ● ● ● ○ 	<p><i>Unifying Concepts and Processes:</i></p> <ul style="list-style-type: none"> Systems, Order and Organization Evidence, Models, and Explanation <p><i>C – Life Science:</i></p> <ul style="list-style-type: none"> Interdependence of Organisms Matter, Energy and Organization in Living Systems Behavior of Organisms <p><i>E – Science & Technology:</i></p> <ul style="list-style-type: none"> Abilities of Technological Design Understanding about Science and Technology <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Personal and Community Health Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges
#55 Planning the Ideal Community	PLT Unit 4		<ul style="list-style-type: none"> ○ ⊙ ⊙ ⊙ ○ ○ ○ ○ ○ ○ ⊙ ○ 	<p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry</p> <p><i>C – Life Science:</i> Interdependence of Organisms</p> <p><i>E – Science & Technology:</i></p> <ul style="list-style-type: none"> Abilities of Technological Design Understanding about Science and Technology <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Personal and Community Health Population Growth Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges <p><i>G – History and Nature of Science:</i> Historical Perspectives</p>

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#56 We Can Work it Out			<ul style="list-style-type: none"> ○ ○ ○ ○ ● ● ⊙ ⊙ ● ● ● ○ 	<p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry Understanding about Scientific Inquiry</p> <p><i>C – Life Science:</i> Interdependence of Organisms Matter, Energy and Organization in Living Systems</p> <p><i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology</p> <p><i>F – Science in Personal and Social Perspectives:</i> Personal and Community Health Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges</p> <p><i>G – History and Nature of Science:</i> Science as a Human Endeavor</p>
#69 Forest for the Trees			<ul style="list-style-type: none"> ⊙ ○ ⊙ ○ ○ ⊙ ● ● ● ● ○ 	<p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry Understanding about Scientific Inquiry</p> <p><i>C – Life Science:</i> Interdependence of Organisms Matter, Energy and Organization in Living Systems</p> <p><i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology</p> <p><i>F – Science in Personal and Social Perspectives:</i> Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges</p> <p><i>G – History and Nature of Science:</i> Nature of Scientific Knowledge</p>

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#70 Soil Stories	PLT Unit 3		<ul style="list-style-type: none"> ● ● ○ ⊙ ○ ⊙ ⊙ ○ ● ● ● ○ 	<p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry Understanding about Scientific Inquiry</p> <p><i>B – Physical Science:</i> Structure and Properties of Matter</p> <p><i>C – Life Science:</i> Interdependence of Organisms Matter, Energy and Organization in Living Systems</p> <p><i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology</p> <p><i>F – Science in Personal and Social Perspectives:</i> Natural Resources Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges</p> <p><i>G – History and Nature of Science:</i> Historical Perspectives</p>
#71 Watch on Wetlands	PLT Unit 1 WILD Aquatic Units 1, 2		<ul style="list-style-type: none"> ○ ⊙ ⊙ ○ ○ ● ○ ○ ○ ○ ○ ○ ○ ○ ○ 	<p><i>Unifying Concepts and Processes:</i> Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change and Measurement Evolution and Equilibrium Form and Function</p> <p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry Understanding about Scientific Inquiry</p> <p><i>C – Life Science:</i> Interdependence of Organisms Matter, Energy and Organization in Living Systems</p> <p><i>F – Science in Personal and Social Perspectives:</i> Population Growth Natural Resources Environmental Quality Natural and Human–induced Hazards</p>

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#86 Our Changing World			<ul style="list-style-type: none"> ● ● ○ ⊙ ⊙ ⊙ ● ● ⊙ ● 	<p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry</p> <p><i>C – Life Science:</i> Interdependence of Organisms</p> <p><i>D – Earth and Space Science:</i> Energy in the Earth System</p> <p><i>E – Science & Technology:</i> Abilities of Technological Design</p> <p><i>F – Science in Personal and Social Perspectives:</i></p> <p>Personal and Community Health</p> <p>Population Growth</p> <p>Natural Resources</p> <p>Environmental Quality</p> <p>Natural and Human–induced Hazards</p> <p>Science and Technology in Local, National, and Global Challenges</p>
#88 Life on the Edge	Yes PLT Units 1, 2, 4		<ul style="list-style-type: none"> ○ ⊙ ⊙ ○ ⊙ ● ● ● ⊙ ⊙ 	<p><i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry</p> <p><i>C – Life Science:</i></p> <p>Biological Evolution</p> <p>Interdependence of Organisms</p> <p><i>E – Science & Technology:</i> Abilities of Technological Design</p> <p><i>F – Science in Personal and Social Perspectives:</i></p> <p>Personal and Community Health</p> <p>Population Growth</p> <p>Natural Resources</p> <p>Environmental Quality</p> <p>Natural and Human–induced Hazards</p> <p>Science and Technology in Local, National, and Global Challenges</p>

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#94 By the Rivers of Babylon	Yes PLT Unit 4		○ ○ ⊙ ○ ● ⊙ ● ● ● ⊙ ● ● ●	<i>A – Science as Inquiry:</i> Ability to do Scientific Inquiry <i>C – Life Science:</i> Interdependence of Organisms Behavior of Organisms <i>E – Science & Technology:</i> Abilities of Technological Design <i>F – Science in Personal and Social Perspectives:</i> Personal and Community Health Population Growth Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges <i>G – History and Nature of Science:</i> Science as a Human Endeavor Historical Perspectives

Project Learning Tree Forest Ecology Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 Adopt-a-Forest	PLT Units 1, 2, 3		⊙ ⊙ ○ ○ ⊙ ⊙ ○ ○	<i>Unifying Concepts and Processes:</i> Systems, Order and Organization Evidence, Models and Explanation Constancy, Change and Measurement Form and Function <i>A - Science as Inquiry:</i> Ability to do Scientific Inquiry <i>C - Life Science:</i> Interdependence of Organisms Matter, Energy, and Organization in Living Systems Behavior of Organisms

Project Learning Tree Forest Ecology (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Saga of the Gypsy Moth	PLT Unit 4		<ul style="list-style-type: none"> ○ ○ ○ ○ ● ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order and Organization Evolution and Equilibrium <i>C - Life Science:</i> Interdependence of Organisms Behavior of Organisms <i>E - Science & Technology:</i> Abilities of Technological Design <i>F - Science in Personal and Social Perspectives:</i> Population Growth Science and Technology in Local, National, and Global Challenges
#6 Story of Succession	PLT Unit 1		<ul style="list-style-type: none"> ● ⊙ ⊙ ○ ⊙ ○ ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order and Organization Evidence, Models, and Explanation Evolution and Equilibrium Form and Function <i>A - Science as Inquiry:</i> Ability to do Scientific Inquiry <i>C - Life Science:</i> Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems Behavior of Organisms
Project Learning Tree Focus on Forests Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 What's a Forest to You?			<ul style="list-style-type: none"> ○ ○ ○ ⊙ ○ 	<i>Unifying Concepts and Processes:</i> Form and Function <i>A - Science as Inquiry:</i> Ability to do Scientific Inquiry <i>F - Science in Personal and Social Perspectives:</i> Natural Resources Environmental Quality Science and Technology in Local, National, and Global Challenges

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Project Learning Tree Focus on Risk (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Communicating Risk		Parts A – D Part D Parts A – D Parts A – C Part E Parts A – E	⊙ ○ ⊙ ⊙ ○ ⊙ ○ ● ● ⊙	<i>Unifying Concepts and Processes:</i> Evidence, Models, and Explanation <i>Unifying Concepts and Processes:</i> Constancy, Change, and Measurement <i>A - Science as Inquiry:</i> Ability to do Scientific Inquiry Understanding about Scientific Inquiry <i>E - Science & Technology:</i> Abilities of Technological Design <i>E - Science & Technology:</i> Abilities of Technological Design <i>E - Science & Technology:</i> Understanding about Science and Technology <i>F - Science in Personal and Social Perspectives:</i> Personal and Community Health Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges
#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards		Part C	⊙ ⊙ ⊙ ⊙ ● ● ●	<i>E - Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology <i>F - Science in Personal and Social Perspectives:</i> Personal and Community Health Natural Resources Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges

Project Learning Tree Municipal Solid Waste (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 Introduction to MSW: The Waste Stream (continued)			<ul style="list-style-type: none"> ○ ○ ○ ○ ⊙ 	<i>F - Science in Personal and Social Perspectives: (con't)</i> Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges <i>G - History and Nature of Science:</i> Science as a Human Endeavor Historical Perspectives
#4 Composting			<ul style="list-style-type: none"> ● ○ ○ ⊙ ⊙ ○ ○ ⊙ ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry <i>B – Physical Science:</i> Chemical Reactions <i>C – Life Science:</i> Matter, Energy, and Organization in Living Systems <i>E – Science & Technology</i> Abilities of Technological Design Understanding about Science and Technology <i>F – Science in Personal and Social Perspectives:</i> Personal and Community Health Natural Resources
#6 Landfills			<ul style="list-style-type: none"> ● ○ ○ ○ ○ ⊙ ○ ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Evidence, Models, and Explanation Form and Function <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry <i>B – Physical Science:</i> Chemical reactions <i>E – Science & Technology</i> Abilities of Technological Design Understanding about Science and Technology <i>F - Science in Personal and Social Perspectives:</i> Personal and Community Health Environmental Quality

Project Learning Tree Places We Live Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Green Space		1, 2, 3, 4, 5, 6, 7	<ul style="list-style-type: none"> ⊙ ● ● ● ● ● ⊙ 	<p><i>C – Life Science:</i> Interdependence of Organisms</p> <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Personal and Community Health Population Growth Natural Resources Environmental Quality Science and Technology in Local, National and Global Challenges <p><i>G – History and Nature of Science:</i> Historical Perspectives</p>
#6 A Vision for the Future	PLT Units 1, 4	3	<ul style="list-style-type: none"> ⊙ ⊙ ⊙ ● ⊙ ● ● ● ● ⊙ ⊙ 	<p><i>C – Life Science:</i> Interdependence of Organisms</p> <p><i>E – Science & Technology</i></p> <ul style="list-style-type: none"> Abilities of Technological Design Understanding about Science and Technology <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Personal and Community Health Population Growth Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National and Global Challenges <p><i>G – History and Nature of Science</i></p> <ul style="list-style-type: none"> Science as a Human Endeavor Historical Perspectives

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Carrying Capacity	WILD Unit 3		<ul style="list-style-type: none"> ⊙ ⊙ ⊙ ○ ⊙ ⊙ ⊙ ○ ○ ○ ○ ○ 	<p><i>Unifying Concepts and Processes:</i></p> <ul style="list-style-type: none"> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium <p><i>A – Science as Inquiry:</i></p> <ul style="list-style-type: none"> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <p><i>C – Life Science:</i></p> <ul style="list-style-type: none"> Interdependence of Organisms Matter, Energy, and Organization in Living Systems <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Population Growth Environmental Quality Science and Technology in Local, National, and Global Challenges <p><i>G – History and Nature of Science:</i> Nature of Scientific Knowledge</p>
I Fire Ecologies (continued on next page)	Yes WILD Units 2, 3	1, 4	<ul style="list-style-type: none"> ⊙ ⊙ ⊙ ⊙ ○ ⊙ ⊙ ○ ○ ○ ○ ○ 	<p><i>Unifying Concepts and Processes:</i></p> <ul style="list-style-type: none"> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium Form and Function <p><i>A – Science as Inquiry:</i></p> <ul style="list-style-type: none"> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <p><i>B – Physical Science:</i></p> <ul style="list-style-type: none"> Chemical Reactions Conservation of Energy and Decrease in Disorder Interactions of Matter and Energy <p><i>C – Life Science:</i></p> <ul style="list-style-type: none"> Interdependence of Organisms Matter, Energy, and Organization in Living Systems

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Fire Ecologies (continued)			○ ⊙ ○ ○ ○ ○	<i>D – Earth and Space Science:</i> Energy in the Earth System <i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology <i>F – Science in Personal and Social Perspectives:</i> Environmental Quality Natural and Human–induced Hazards <i>G – History and Nature of Science:</i> Constancy, Change, and Measurement
I Forest in a Jar	WILD Unit 2		⊙ ● ⊙ ● ⊙ ○ ○ ○ ○ ○ ○ ○ ○	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <i>B – Physical Science:</i> Chemical reactions Interactions of Matter and Energy <i>C – Life Science:</i> Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems <i>F – Science in Personal and Social Perspectives:</i> Population Growth
I We’re in This Together (continued on next page)		1	○ ○ ○ ⊙ ⊙ ⊙	<i>Unifying Concepts and Processes:</i> Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Interdependence of Organisms

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I We're in This Together (continued)			○ ○ ○ ⊙ ⊙ ⊙	<i>F – Science in Personal and Social Perspectives:</i> Personal and Community Health Population Growth Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National and Global Challenges
III Back from the Brink	Yes WILD Units 3, 4	1, 2	○ ○ ○	<i>A – Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry <i>C – Life Science:</i> Interdependence of Organisms <i>F – Science in Personal and Social Perspectives:</i> Natural Resources
III Bird Song Survey	WILD Unit 3	1, 2, 3	○ ○ ⊙ ⊙ ○ ○ ○	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry <i>C – Life Science:</i> Behavior of Organisms <i>G – History and Nature of Science:</i> Constancy, Change, and Measurement
III Cabin Conflict (continued on next page)			○ ○ ○ ⊙ ○ ○ ○ ○	<i>Unifying Concepts and Processes:</i> Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Interdependence of Organisms <i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III From Bison to Bread: The American Prairie (continued)			<ul style="list-style-type: none"> ⊙ ○ ○ ○ ○ 	<i>C – Life Science:</i> Interdependence of Organisms Matter, Energy, and Organization in Living Systems <i>F – Science in Personal and Social Perspectives:</i> Population Growth Natural Resources Science and Technology in Local, National and Global Challenges
III Turkey Trouble	WILD Units 3, 4	1, 2	<ul style="list-style-type: none"> ⊙ ○ ● ⊙ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Interdependence of Organisms Behavior of Organisms <i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology <i>F – Science in Personal and Social Perspectives:</i> Population Growth Environmental Quality <i>G – History and Nature of Science:</i> Constancy, Change, and Measurement
III Wildlife Research (continued on next page)	WILD Units 3, 4		<ul style="list-style-type: none"> ○ ⊙ ⊙ ● ● ○ 	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement <i>A – Science as Inquiry:</i> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Behavior of Organisms

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Wildlife Research (continued)			<ul style="list-style-type: none"> ● ○ ○ ○ 	<i>E – Science & Technology:</i> Abilities of Technological Design Understanding about Science and Technology <i>F – Science in Personal and Social Perspectives:</i> Natural Resources <i>G – History and Nature of Science:</i> Constancy, Change, and Measurement

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Blue Ribbon Niche	Yes WILD Aquatic Units 1, 2, 3, 4	1, 2	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organizations Evidence, Models, and Explanation Constancy, Change and Measurement Evolution and Equilibrium Form and Function <i>A – Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems Behavior of Organisms <i>D – Earth and Space Science:</i> Energy in the Earth System Geochemical Cycles <i>F – Science in Personal and Social Perspectives:</i> Personal and Community Health Natural Resources Environmental Quality Natural and Human–induced Hazards

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I (The) Edge of Home	Yes WILD Aquatic Units 2, 3	1, 3	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organizations Evidence, Models, and Explanation Constancy, Change and Measurement Evolution and Equilibrium Form and Function <i>A – Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems <i>F – Science in Personal and Social Perspectives:</i> Personal and Community Health Natural Resources Environmental Quality
I Water Canaries (continued on next page)	Yes WILD Aquatic Units 2, 3, 4	1, 2, 3, 4, 5, 6, 7, 8; Iowa Supp.	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization Evidence, Models, and Explanation Evolution and Equilibrium <i>A – Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <i>B – Physical Science:</i> Chemical Reactions Interactions of Energy and Matter <i>C – Life Science:</i> Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems <i>D – Earth and Space Science:</i> Geochemical cycles

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Dragonfly Pond	Yes WILD Aquatic Units 3, 4	2, 3, 5, 6, 7, 8 Iowa Supp.	<ul style="list-style-type: none"> ● ⊙ ○ ⊙ ⊙ ○ ⊙ ○ ● ⊙ ● ● ● ● ○ ○ 	<p><i>Unifying Concepts and Processes:</i></p> <ul style="list-style-type: none"> Systems, Order, and Organization Evidence, Models, and Explanation Evolution and Equilibrium <p><i>A – Science as Inquiry:</i></p> <ul style="list-style-type: none"> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <p><i>C – Life Science:</i></p> <ul style="list-style-type: none"> Biological Evolution Interdependence of Organisms <p><i>D – Earth and Space Science:</i> Geochemical cycles</p> <p><i>E – Science & Technology:</i></p> <ul style="list-style-type: none"> Abilities of Technological Design Understandings about Science and Technology <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges <p><i>G – History and Nature of Science:</i></p> <ul style="list-style-type: none"> Science as a Human Endeavor Nature of Scientific Knowledge
III Facts and Falsehoods		1, 2, 3	<ul style="list-style-type: none"> ⊙ ⊙ ○ ○ ○ ○ ⊙ ○ 	<p><i>Unifying Concepts and Processes:</i> Evidence, Models, and Explanation</p> <p><i>A – Science as Inquiry:</i></p> <ul style="list-style-type: none"> Abilities to do Scientific Inquiry Understanding about Scientific Inquiry <p><i>E – Science & Technology:</i></p> <ul style="list-style-type: none"> Abilities of Technological Design Understandings about Science and Technology <p><i>G – History and Nature of Science:</i></p> <ul style="list-style-type: none"> Nature of Scientific Knowledge Constancy, Change, and Measurement

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III (The) Glass Menagerie	Yes WILD Aquatic Units 1, 3, 4	1, 2, 3	<ul style="list-style-type: none"> ● ● ⊙ ● ○ ● ● ○ ○ ⊙ ○ ○ ○ ○ ○ ⊙ ○ 	<p><i>Unifying Concepts and Processes:</i></p> <ul style="list-style-type: none"> Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium Form and Function <p><i>A – Science as Inquiry:</i></p> <ul style="list-style-type: none"> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <p><i>B – Physical Science: Chemical Reactions</i></p> <p><i>C – Life Science:</i></p> <ul style="list-style-type: none"> Biological Evolution Interdependence of Organisms Behavior of Organisms <p><i>E – Science & Technology:</i></p> <ul style="list-style-type: none"> Abilities of Technological Design Understandings about Science and Technology <p><i>F – Science in Personal and Social Perspectives:</i></p> <ul style="list-style-type: none"> Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges <p><i>G – History and Nature of Science: Constancy, Change, and Measurement</i></p>
III Puddle Wonders! (continued on next page)	Yes WILD Aquatic Units 2, 3	1, 2, 3, 4 Iowa Supp.	<ul style="list-style-type: none"> ○ ○ ● ● ○ ○ 	<p><i>Unifying Concepts and Processes:</i></p> <ul style="list-style-type: none"> Systems, Order, and Organization Evolution and Equilibrium <p><i>A – Science as Inquiry:</i></p> <ul style="list-style-type: none"> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <p><i>C – Life Science:</i></p> <ul style="list-style-type: none"> Biological Evolution Interdependence of Organisms

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Puddle Wonders! (continued)			○ ○ ○	<i>F – Science in Personal and Social Perspectives:</i> Natural Resources Environmental Quality Science and Technology in Local, National, and Global Challenges
III Watershed	Yes WILD Aquatic Units 1, 3	1, 2, 3, 5, 6, 7, 8 Iowa Supp.	● ○ ⊙ ⊙ ○ ○ ○ ○ ⊙ ⊙ ● ● ● ⊙ ○	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization Evidence, Models, and Explanation <i>A – Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <i>B – Physical Science:</i> Motions and Forces Conservation of Energy and Decrease in Disorder Interactions of Energy and Matter <i>C – Life Science:</i> Biological Evolution Interdependence of Organisms <i>D – Earth and Space Science:</i> Geochemical Cycles <i>F – Science in Personal and Social Perspectives:</i> Natural Resources Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges <i>G – History and Nature of Science:</i> Nature of Scientific Knowledge
III What’s in the Water? (continued on next page)	Yes WILD Aquatic Unit 4	1, 2, 3, 4 Iowa Supp.	⊙ ○ ○ ○ ○	<i>Unifying Concepts and Processes:</i> Systems, Order, and Organization <i>A – Science as Inquiry:</i> Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry <i>C – Life Science:</i> Interdependence of Organisms <i>D – Earth and Space Science:</i> Geochemical cycles

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III What's in the Water? (continued)			<ul style="list-style-type: none"> ● ● ● ● ○ 	<i>F – Science in Personal and Social Perspectives:</i> Natural Resources Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges <i>G – History and Nature of Science:</i> Nature of Scientific Knowledge